

Order 12358



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**D2512**

**Job Sheet 189106**



**Part No:** D2512

**Job Qty:** 1 pcs

**Part Name:** Basket Lid



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 1/18/19

**Job Tracking No:**

**Due Date:** 2/5/19

**Created By:** Dara Macdonald

**Type:** SOLD

**Description:**

**Note:** DWG REV H Rev IPP:M03.01.31 AddedD2012-117forD130-701-041 KJ/RF IPP Rev:N 06.04.05 Added level21 EC IPP REV:O ADDED D3490-1/-3 FOR D130-701-011/-043 10-04-20 JLM VERIFIED BY:DD IPP Rev:P 08-08-29 revE as per dwg DD verified by:EC IPP Rev:Q 08-09-24 plug holes prior to powder coating DD verified by:EC IPP Rev:R 10.06.29 added pressure wash DD verf:EC IPP REV:S 12.07.27 AS PER DWG REV.F DD VERF:EC IPP REV:T 12.08.08 AS PER DWG REV.G DD VERF:EC IPP REV:U 16.11.03 AS PER DWG REV.H DD VERF:JLM

**Ship Via:**

### Bill of Materials

### Job Routing

| Op No | Operation                 | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off |
|-------|---------------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|----------|
|       |                           |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |          |
| 100   | Large Fab - Welded Assy-1 | 1 pcs | 2/5/19     |          | 0.00      | 15.13   | Large Fab - 1         |           |          |
|       |                           |       |            |          |           |         | Large Fab - 10        |           |          |
|       |                           |       |            |          |           |         | Large Fab - 2         |           |          |
|       |                           |       |            |          |           |         | Large Fab - 3         |           |          |
|       |                           |       |            |          |           |         | Large Fab - 4         |           |          |
|       |                           |       |            |          |           |         | Large Fab - 5         |           |          |
|       |                           |       |            |          |           |         | Large Fab - 6         |           |          |
|       |                           |       |            |          |           |         | Large Fab - 7         |           |          |
|       |                           |       |            |          |           |         | Large Fab - 8         |           |          |
|       |                           |       |            |          |           |         | Large Fab - 9         |           |          |
| 110   | QC 9                      | 1 pcs | 2/5/19     |          | 0.00      | 0.00    | QC 9 - 10             |           |          |
|       |                           |       |            |          |           |         | QC 9 - 18             |           |          |
|       |                           |       |            |          |           |         | QC 9 - 24             |           |          |
|       |                           |       |            |          |           |         | QC 9 - 43             |           |          |
|       |                           |       |            |          |           |         | QC 9 - 50             |           |          |
|       |                           |       |            |          |           |         | QC 9 - 9              |           |          |
| 120   | QC 5                      | 1 pcs | 2/5/19     |          | 0.00      | 0.00    | QC 5 - 10             |           |          |
|       |                           |       |            |          |           |         | QC 5 - 12             |           |          |
|       |                           |       |            |          |           |         | QC 5 - 17             |           |          |
|       |                           |       |            |          |           |         | QC 5 - 18             |           |          |
|       |                           |       |            |          |           |         | QC 5 - 19             |           |          |
|       |                           |       |            |          |           |         | QC 5 - 22             |           |          |
|       |                           |       |            |          |           |         | QC 5 - 24             |           |          |
|       |                           |       |            |          |           |         | QC 5 - 3              |           |          |
|       |                           |       |            |          |           |         | QC 5 - 38             |           |          |
|       |                           |       |            |          |           |         | QC 5 - 42             |           |          |

*JS*

DAS  
24  
9-89  
*lpc*

DAS  
24  
9-89  
*lpc*

|     |                                 |          |        |           |                          |              |
|-----|---------------------------------|----------|--------|-----------|--------------------------|--------------|
|     |                                 |          |        |           | QC 5 - 43                |              |
|     |                                 |          |        |           | QC 5 - 49                |              |
|     |                                 |          |        |           | QC 5 - 51                |              |
|     |                                 |          |        |           | QC 5 - 58                |              |
|     |                                 |          |        |           | QC 5 - 68                |              |
|     |                                 |          |        |           | QC 5 - 9                 |              |
|     |                                 |          |        |           | QC 5 - 50                |              |
|     |                                 |          |        |           | QC 5 - 30                |              |
| 125 | Handfinish - 2-1 Pressure- B4B  | 1<br>pcs | 2/5/19 | 0.00 1.35 | Handfinish - 2 - 1 - B4B | D.R 19/01/29 |
|     |                                 |          |        |           | Handfinish - 2 - 2 - B4B |              |
| 130 | Powdercoat - 1 White Gl(A)- B4B | 1<br>pcs | 2/5/19 | 0.00 0.77 | Powdercoat - 1 - B4B     |              |
|     |                                 |          |        |           | Powdercoat - 2 - B4B     |              |
|     |                                 |          |        |           | Powdercoat - 3 - B4B     | BK 19-01-30  |
|     |                                 |          |        |           | Powdercoat - 4 - B4B     |              |
| 140 | Handfinish - 3-1- WingWalk- B4B | 1<br>pcs | 2/5/19 | 0.00 1.35 | Handfinish - 3 - 1 - B4B | M 19-02-01   |
|     |                                 |          |        |           | Handfinish - 3 - 2 - B4B |              |
|     |                                 |          |        |           | Handfinish - 3 - 3 - B4B |              |
|     |                                 |          |        |           | Handfinish - 3 - 4 - B4B |              |
|     |                                 |          |        |           | Handfinish - 3 - 5 - B4B |              |
| 150 | QC 3                            | 1<br>pcs | 2/5/19 | 0.00 0.00 | QC 3 - 10                |              |
|     |                                 |          |        |           | QC 3 - 13                |              |
|     |                                 |          |        |           | QC 3 - 15                |              |
|     |                                 |          |        |           | QC 3 - 17                |              |
|     |                                 |          |        |           | QC 3 - 18                |              |
|     |                                 |          |        |           | QC 3 - 2                 |              |
|     |                                 |          |        |           | QC 3 - 26                |              |
|     |                                 |          |        |           | QC 3 - 28                |              |
|     |                                 |          |        |           | QC 3 - 3                 |              |
|     |                                 |          |        |           | QC 3 - 30                |              |
|     |                                 |          |        |           | QC 3 - 34                |              |
|     |                                 |          |        |           | QC 3 - 36                |              |
|     |                                 |          |        |           | QC 3 - 38                |              |
|     |                                 |          |        |           | QC 3 - 41                |              |
|     |                                 |          |        |           | QC 3 - 51                |              |
|     |                                 |          |        |           | QC 3 - 58                |              |
|     |                                 |          |        |           | QC 3 - 59                |              |
|     |                                 |          |        |           | QC 3 - 6                 |              |
|     |                                 |          |        |           | QC 3 - 68                |              |
|     |                                 |          |        |           | QC 3 - 9                 |              |
| 160 | Packaging 3-1 - Stock - B4B     | 1<br>pcs | 2/5/19 | 0.00 0.00 | Packaging 3 - 1 - B4B    |              |
|     |                                 |          |        |           | Packaging 3 - 2 - B4B    |              |
|     |                                 |          |        |           | Packaging 3 - 3 - B4B    |              |
|     |                                 |          |        |           | Packaging 3 - 4 - B4B    |              |
|     |                                 |          |        |           | Packaging 3 - 5 - B4B    |              |
|     |                                 |          |        |           | Packaging 3 - 6 - B4B    |              |
|     |                                 |          |        |           | Packaging 3 - 7 - B4B    |              |
|     |                                 |          |        |           | Packaging 3 - 8 - B4B    |              |
|     |                                 |          |        |           | Packaging 3 - 9 - B4B    |              |
|     |                                 |          |        |           | Packaging 3 - 10 - B4B   |              |
|     |                                 |          |        |           | Packaging 3 - 11 - B4B   |              |
|     |                                 |          |        |           | Packaging 3 - 12 - B4B   |              |
|     |                                 |          |        |           | Packaging 3 - 13 -       |              |

DAS 59 9-89

|                |     |        |           |                        |                 |
|----------------|-----|--------|-----------|------------------------|-----------------|
|                |     |        |           | B4B                    |                 |
|                |     |        |           | Packaging 3 - 14 - B4B |                 |
|                |     |        |           | Packaging 3 - 15 - B4B |                 |
|                |     |        |           | Packaging 3 - 16 - B4B | BEB 19-0204     |
|                |     |        |           | Packaging 3 - 17 - B4B |                 |
|                |     |        |           | Packaging 3 - 18 - B4B |                 |
|                |     |        |           | Packaging 3 - 19 - B4B |                 |
|                |     |        |           | Packaging 3 - 20 - B4B |                 |
|                |     |        |           | Packaging 3 - 21 - B4B |                 |
|                |     |        |           | Packaging 3 - 22 - B4B |                 |
|                |     |        |           | Packaging 3 - 23 - B4B |                 |
|                |     |        |           | Packaging 3 - 24 - B4B |                 |
|                |     |        |           | Packaging 3 - 25 - B4B |                 |
|                |     |        |           | Packaging 3 - 26 - B4B |                 |
|                |     |        |           | Packaging 3 - 27 - B4B |                 |
|                |     |        |           | Packaging 3 - 28 - B4B |                 |
|                |     |        |           | Packaging 3 - 29 - B4B |                 |
|                |     |        |           | Packaging 3 - 30 - B4B |                 |
|                |     |        |           | Packaging 3 - 31 - B4B |                 |
|                |     |        |           | Packaging 3 - 32 - B4B |                 |
|                |     |        |           | Packaging 3 - 33 - B4B |                 |
|                |     |        |           | Packaging 3 - 34 - B4B |                 |
|                |     |        |           | Packaging 3 - 35 - B4B |                 |
|                |     |        |           | Packaging 3 - 36 - B4B |                 |
| 170 QC 21 - SA | 1   | 2/5/19 | 0.00 0.00 | QC 21 - SA - 21        | DAS FEB 04 2019 |
|                | pcs |        |           | QC 21 - SA - 70        | 21              |

Part Op 100 - (Weld per dwg A/R S.S. rod Batch: \_\_\_\_\_) 1- Weld ribs as per Dwg D2512 using Welding Jig DT 9436 2- WELD

Descriptions: MESH AND REMOVE SECTIONS OF MESH WHERE INDICATED AS PER DWG

110 - (QC9- Inspect visual per QSI004- Fusion Welds)

120 - (QC5- Inspect part completeness to step on W/O)

125 - (Pressure Wash per QSI005 4.3/ Clean and remove all markings)

130 - White Gloss (Ref 4.3.5.1) per QSI005 4.3- Alum-1- Plug all holes prior to Powdercoat START TIME: 11:10

FINISH TIME: 3:55 START TIME: 11:15

140 - (Wing Walk as per dwg QSI005 4.4 Batch: M138963) Wing Walk and Spray Paint black as per Dwg D2512 and QSI 005 4.4 Batch: \_\_\_\_\_

150 - (QC3- Inspect Part Finish)

160 - (Identify as per dwg & Stock Location: \_\_\_\_\_)

170 - (QC21- Final Inspection - Work Order Release)



### Job BOM

| Part / Item      | Component Name                 | Quantity        | Operation                     | Container |
|------------------|--------------------------------|-----------------|-------------------------------|-----------|
| D2232-1 ✓        | Basket Hinge                   | 2 pcs (2 ea) ✓  | 100-Large Fab - Welded Assy-1 | 5065348   |
| D2236 ✓          | Lid Rib                        | 4 pcs (4 ea)    | 100-Large Fab - Welded Assy-1 | 5147441   |
| D2506 ✓          | Label Plate                    | 1 pcs (1 ea) ✓  | 100-Large Fab - Welded Assy-1 | 5072537   |
| D2512-3          | Rib                            | 2 pcs (2 ea)    | 100-Large Fab - Welded Assy-1 | 5147378   |
| D2512-5 ✓        | Rib                            | 6 pcs (6 ea) ✓  | 100-Large Fab - Welded Assy-1 | 5138360   |
| D2512-7 ✓        | Rib                            | 3 pcs (3 ea)    | 100-Large Fab - Welded Assy-1 | 5133217   |
| D2581 ✓          | Mounting Bracket               | 2 pcs (2 ea) ✓  | 100-Large Fab - Welded Assy-1 | 5143339   |
| D3825-043        | Rib Assembly (Basket End, Lid) | 2 Ea (2 ea)     | 100-Large Fab - Welded Assy-1 | 5134160   |
| M304EX0.75-16F ✓ | Expanded Metal Flat SS         | 32 sf (32 ea) ✓ | 100-Large Fab - Welded Assy-1 | 5125258   |

### Job Allocations

| Operation                     | Component Part | Required | Inventory | Allocated |
|-------------------------------|----------------|----------|-----------|-----------|
| 100-Large Fab - Welded Assy-1 | D2232-1        | 2        | 15        | 0         |
|                               | D2236          | 4        | 0         | 0         |
|                               | D2506          | 1        | 19        | 0         |
|                               | D2512-3        | 2        | 0         | 0         |
|                               | D2512-5        | 6        | 12        | 0         |
|                               | D2512-7        | 3        | 6         | 0         |
|                               | D2581          | 2        | 55        | 0         |
|                               | D3825-043      | 2        | 2         | 0         |
|                               | M304EX0.75-16F | 32       | 1,196     | 0         |



Container No: S148361



Part: D2512

Job No: 189106

Serial No/Batch: S148361

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL.: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

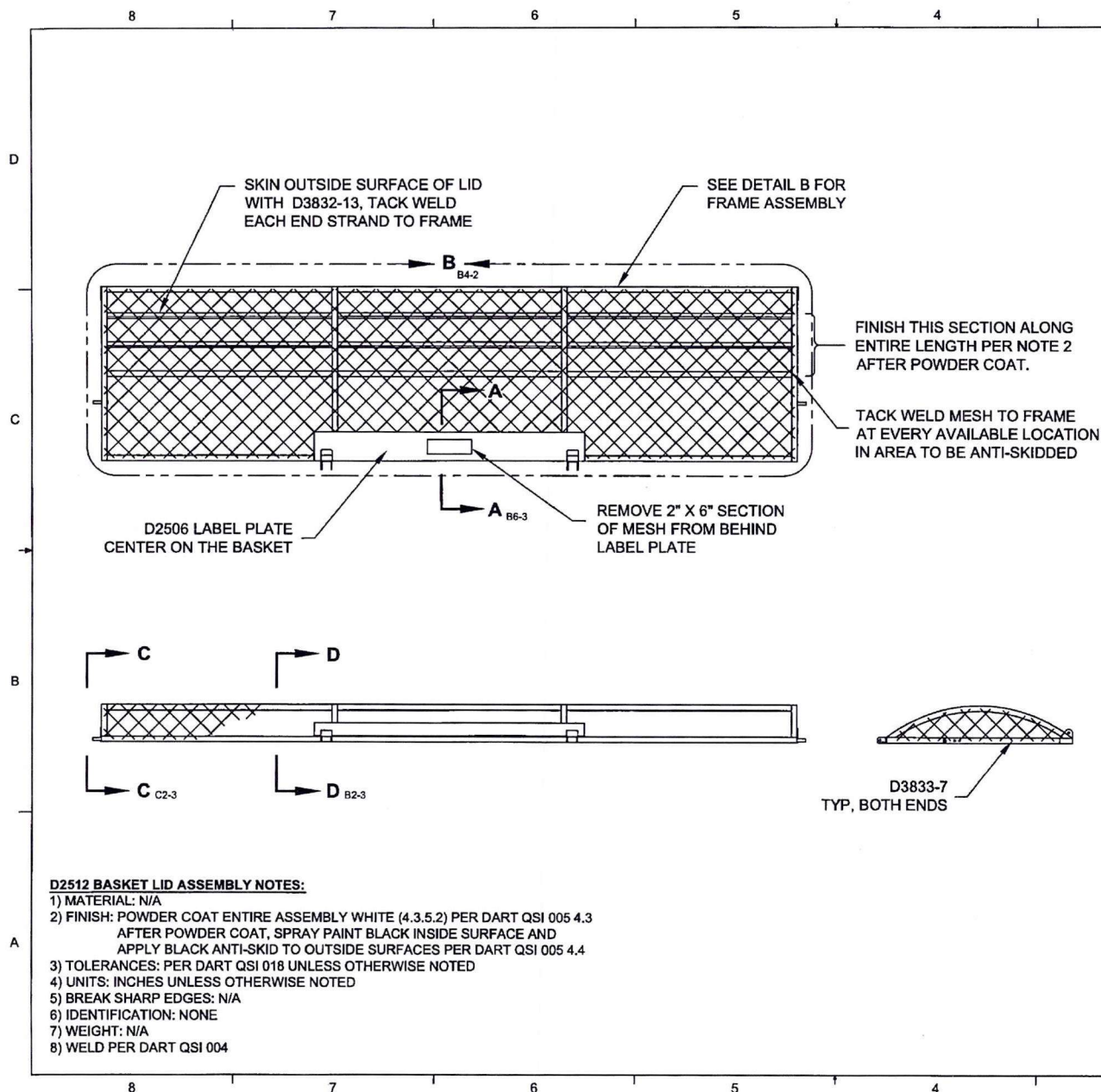
Date: 01/28/19

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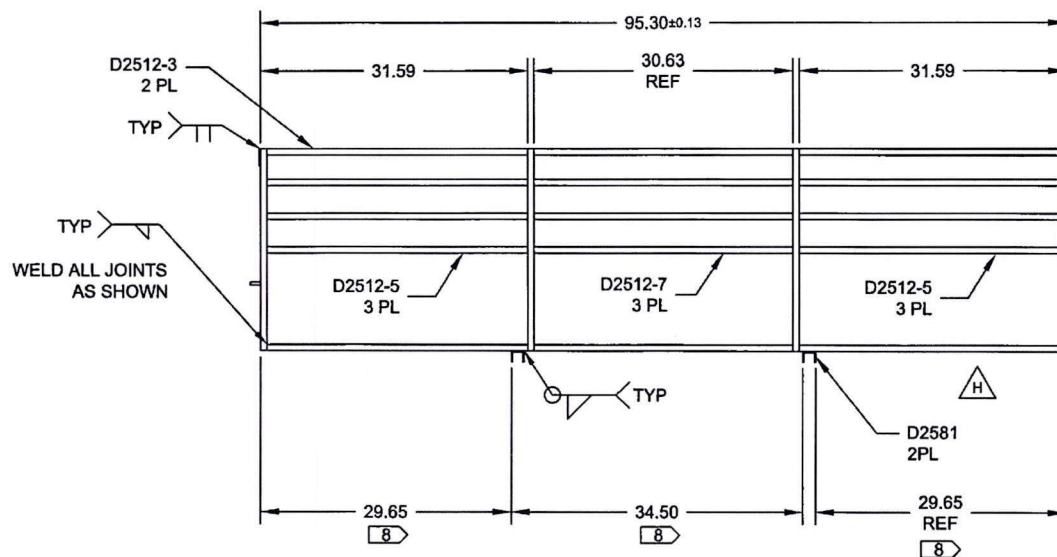


| QTY | PART NUMBER | DESCRIPTION                |
|-----|-------------|----------------------------|
| X   | D2512       | BASKET LID ASSEMBLY        |
| 2   | D2512-3     | RIB                        |
| 6   | D2512-5     | RIB                        |
| 3   | D2512-7     | RIB                        |
| 2   | D2232-1     | HINGE PLATE                |
| 4   | D2236       | RIB                        |
| 1   | D2506       | LABEL PLATE                |
| 2   | D2581       | MOUNTING BRACKET           |
| 2   | D3825-043   | RIB ASSY (BASKET END, LID) |
| 1   | D3832-13    | MESH (LID)                 |
| 2   | D3833-7     | MESH, LID END              |

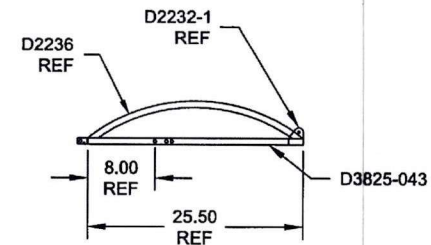
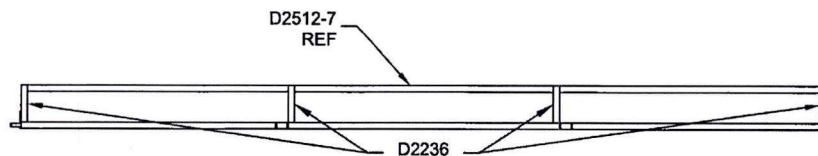
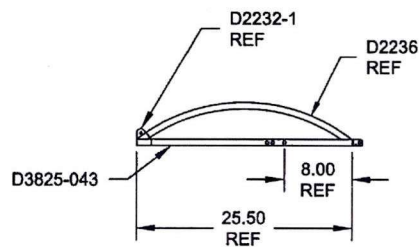
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|            |                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                          |              |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| H          | REMOVED D2012-117 (ZN A8-2, C3-2)                                                                                                                                                                                                                            | VS                                                                                                                                                                                                                                                                       | 15.11.04     |
| G          | CORRECTED TYPO: D3825-043 WAS D3825-041 (ZN D3-1, B8-2, B1-2)                                                                                                                                                                                                | MB                                                                                                                                                                                                                                                                       | 12.07.26     |
| F          | GENERAL REVISION; REFORMATED DWG; DELETED DETAIL E AND RELATED NOTES IN VIEW C-C. REASON: PAR10-50.                                                                                                                                                          | MB                                                                                                                                                                                                                                                                       | 12.05.11     |
| E          | INCORPORATED D1 & D2. MATERIAL FOR -1, -3, -5, & -7 WAS 0.080 WALL. SHT 3 ZN C4 TOLERANCE REMOVED FROM 95.30 DIM. DRAWING TRANSFERRED TO "B" FORMAT AND UPADTED TO CURRENT STANDARDS. SHT 3 VIEWS INVERTED FOR CLARITY. SHT 2 MESH MATERIAL CALLOUT UPDATED. | AJS                                                                                                                                                                                                                                                                      | 08.06.17     |
| D          | CHANGE HINGE                                                                                                                                                                                                                                                 | CP                                                                                                                                                                                                                                                                       | 01.04.19     |
| C          | REMOVE DOUBLE SKIN SECTION, ADDED MEMBERS, INCORP DEO 9074                                                                                                                                                                                                   | DS                                                                                                                                                                                                                                                                       | 99.07.06     |
| B          | ADDED LATCH CHANNEL & LABEL PLATE                                                                                                                                                                                                                            | BW                                                                                                                                                                                                                                                                       | 96.05.24     |
| A          | NEW ISSUE                                                                                                                                                                                                                                                    | BW                                                                                                                                                                                                                                                                       | 95.11.21     |
| REV.       | DESCRIPTION                                                                                                                                                                                                                                                  | BY                                                                                                                                                                                                                                                                       | DATE         |
| DESIGN     | BW                                                                                                                                                                                                                                                           | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                 |              |
| DRAWN      | VS                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                          |              |
| CHECKED    | RF                                                                                                                                                                                                                                                           | DRAWING NO.                                                                                                                                                                                                                                                              | REV. H       |
| MFG. APPR. | PD                                                                                                                                                                                                                                                           | D2512                                                                                                                                                                                                                                                                    | SHEET 1 OF 4 |
| APPROVED   |                                                                                                                                                                                                                                                              | TITLE                                                                                                                                                                                                                                                                    | SCALE        |
| DE APPR.   |                                                                                                                                                                                                                                                              | BASKET LID ASSEMBLY (350/212)                                                                                                                                                                                                                                            | NTS          |
| DATE       | 15.11.04                                                                                                                                                                                                                                                     | COPYRIGHT © 1995 BY DART AEROSPACE LTD<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD. |              |



**DETAIL B** D6-1  
FRAMEWORK ONLY SHOWN FOR CLARITY



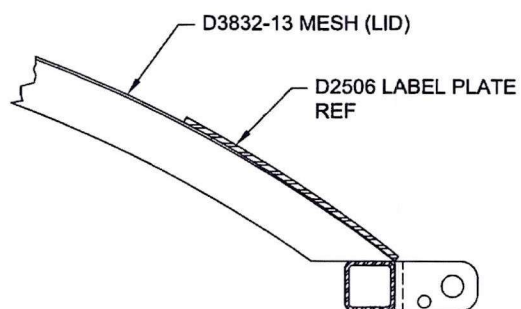
**NOTES:**

- 1) MATERIAL: NONE
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A
- 8) LOCATE IN CONJUNCTION WITH ADJACENT D2581 ON BASKET BASE ASSEMBLY

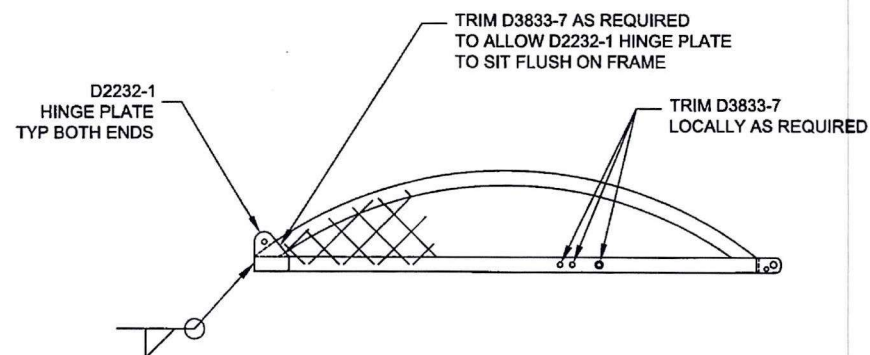
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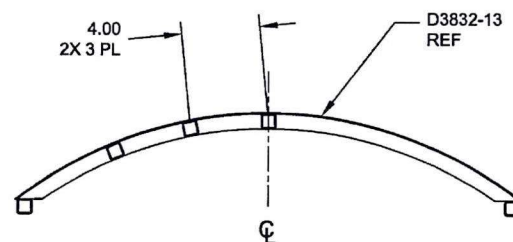
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|------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| DESIGN     | BW       | <b>DART AEROSPACE LTD</b>                                                                                                                                                                                                                                                               |              |
| DRAWN      | VS       | HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                                                             |              |
| CHECKED    | RF       | DRAWING NO.                                                                                                                                                                                                                                                                             | REV. H       |
| MFG. APPR. | DD       | D2512                                                                                                                                                                                                                                                                                   | SHEET 2 OF 4 |
| APPROVED   |          | TITLE                                                                                                                                                                                                                                                                                   | SCALE        |
| DE APPR.   |          | BASKET LID ASSEMBLY (350/212)                                                                                                                                                                                                                                                           | NTS          |
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**SECTION A-A**  
(ROTATED 90° CCW) C6-1



**VIEW C-C SIMILAR BOTH END RIBS** B8-1

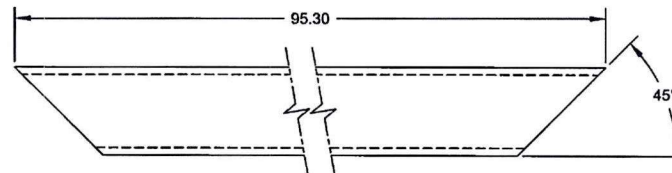
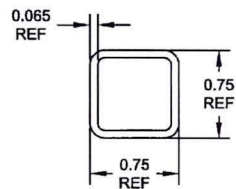


**SECTION D-D SAME BOTH CENTER RIBS** B7-1

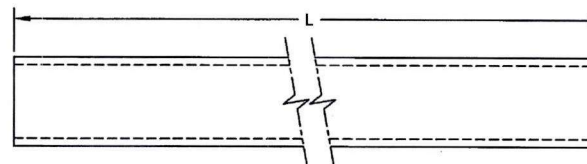
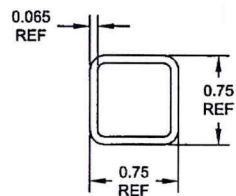
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|                                                                                                                                                                                                                                |                                                                                       |                                        |              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|--------------|
| DESIGN                                                                                                                                                                                                                         | BW                                                                                    | <b>DART AEROSPACE LTD</b>              |              |
| DRAWN                                                                                                                                                                                                                          | VS                                                                                    | <b>HAWKESBURY, ONTARIO, CANADA</b>     |              |
| CHECKED                                                                                                                                                                                                                        | RF                                                                                    | DRAWING NO.                            | REV. H       |
| MFG. APPR.                                                                                                                                                                                                                     | DD                                                                                    | D2512                                  | SHEET 3 OF 4 |
| APPROVED                                                                                                                                                                                                                       |  | TITLE                                  | SCALE        |
| DE APPR.                                                                                                                                                                                                                       |  | BASKET LID ASSEMBLY (350/212)          | NTS          |
| DATE                                                                                                                                                                                                                           | 15.11.04                                                                              | COPYRIGHT © 1995 BY DART AEROSPACE LTD |              |
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**D2512-3 RIB**



**D2512-X RIB**

| DART PART<br>NUMBER | L     |
|---------------------|-------|
| D2512-5             | 30.84 |
| D2512-7             | 30.63 |

**D2512-5/-7 NOTES:**

- 1) MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING  
PER ASTM A554/A269 MILL FINISH, 0.75 X 0.75 X 0.065 WALL  
REF. DART SPEC M304TS0.750W.065
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

**RELEASED**

2016 NOV 02 up

|            |                    |                                                                                                                                                                                                                                                                                        |              |
|------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| DESIGN     | BW                 | <b>DART AEROSPACE LTD</b>                                                                                                                                                                                                                                                              |              |
| DRAWN      | VS                 | HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                                                            |              |
| CHECKED    | RF                 | DRAWING NO.                                                                                                                                                                                                                                                                            | REV. H       |
| MFG. APPR. | DD                 | D2512                                                                                                                                                                                                                                                                                  | SHEET 4 OF 4 |
| APPROVED   | <i>[Signature]</i> | TITLE                                                                                                                                                                                                                                                                                  | SCALE        |
| DE APPR.   | <i>[Signature]</i> | BASKET LID ASSEMBLY (350/212)                                                                                                                                                                                                                                                          | NTS          |
| DATE       | 15.11.04           | <small>COPYRIGHT © 1995 BY DART AEROSPACE LTD<br/>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS<br/>NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT<br/>WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small> |              |



Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                      |  |                        |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | MRB (QSI042)           |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | Completed By           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | Lead hand / Supervisor |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | QC / QA Coordinator    |  |
| <b>Root Cause</b><br><br><div style="display: flex;"> <div style="flex: 1;">           Operator <input type="checkbox"/><br/>           Manufacturing Process <input type="checkbox"/><br/>           Equip/Tooling <input type="checkbox"/><br/>           Handling/Presservation <input type="checkbox"/><br/>           Material <input type="checkbox"/><br/>           Product Improvement <input type="checkbox"/><br/>           Process Improvement <input type="checkbox"/><br/>           Human Factors <input type="checkbox"/> </div> <div style="flex: 1;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex;"> <div style="flex: 1;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="flex: 1;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="flex: 1;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                        |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |